Alegra™

INSTALLATION

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Thank you for selecting *Alegra*™ for your Amiga computer. So that we may continue to offer the finest in products and service, please fill out the included warranty registration card and questionnaire. Your responses allow us to contact you about upgrades and will be a valuable asset to our market development efforts.

2261

Hardware Installation Instructions

INSTALLATION PROCEDURE

1) **BE SURE THAT THE AMIGA'S POWER SWITCH IS IN THE OFF POSITION!** Failure to do so could result in serious damage to your system.
2) Locate the EXPANSION SLOT on the right side of your computer. Remove the plastic cover. This will expose the expansion connector.
3) Remove the single phillips screw found on the end of **ALEGRA**'s painted cover and save for later use.
4) Carefully remove the painted cover by pulling it away from the mounting plate. This can be accomplished by grasping the connector shield with one hand and pulling the cover away with the other hand beginning at the end from which the screw was removed in step 3.
5) Locate the two phillips screws taped to the backing plate of **ALEGRA**. These screws are used to attach **ALEGRA** to the **AMIGA**. Remove the screws and insert them into the holes found on each side of the connector located in the center of the printed circuit board.
6) Hold **ALEGRA** in your right hand and carefully press **ALEGRA**'s connector onto the **AMIGA**'s expansion slot. **ALEGRA** is designed to mount only one way so be sure you have the proper orientation. The fit should be snug but if it appears to be too snug, don't force it. Verify that the back (where the screw from step 3 goes) is towards the rear of the **AMIGA**, and try again.

7) When **ALEGRA** is properly mounted, it should be almost flush with the top and the back of the **AMIGA**.

8) Tighten the two phillips screws on either side of **ALEGRA**'s connector. These are selftapping screws, so do not overtighten them.

9) Replace the cover by sliding it over the front first and closing towards the back. Attach the cover with the screw from step #3.

10) That's it. You did it! Power up the **AMIGA** and insert **KICKSTART 1.2**. (If you are using **KICKSTART 1.1**, refer to the **Software Installation Instructions**.)

IMPORTANT!

NOT ALL SOFTWARE WILL BE ABLE TO USE EXTRA MEMORY. SOME GAMES AND A FEW APPLICATIONS WERE WRITTEN TO RUN ONLY IN AMIGA INTERNAL CHIP MEMORY. USE KICKSTART VERSION 1.1 FOR THESE PROGRAMS.

Software Installation Instructions

PLEASE READ COMPLETELY BEFORE ATTEMPTING TO INSTALL THE SOFTWARE

The following installation instructions are necessary **only when you are using KICKSTART 1.1** (**KICKSTART 1.2** will automatically configure **Alegra** and eliminate the need for this installation.)

The installation procedure will insert two command lines at the top of your "Startup-Sequence" file located in the "S" directory. It will also copy two small files into your "C" directory.

The software installation instructions are divided into 3 sections:

I. **SINGLE DRIVE INSTALLATION PROCEDURE**
Follow this procedure if your **Amiga** has only one disk drive.

II. **DUAL DRIVE INSTALLATION PROCEDURE**
Follow this procedure if your **Amiga** has two disk drives.

III. **COMMAND DESCRIPTIONS**
Detailed descriptions of the files on the **Alegra** disk.

I. SINGLE DRIVE INSTALLATION PROCEDURE

1) Power up your system and load **KICKSTART 1.1**. When the system requests the **WORKBENCH** disk, insert the system disk onto which you will install the **Alegra** commands.

2) When the **AmigaDOS** screen first appears, immediately press both the "CTRL" and the "D" keys and hold them down until you see the following message:

   **BREAK - CLI
   1>

3) At the **1>** prompt, type one of the following commands:

   — For a 512K **Alegra** type:
   execute alegra:singledriveinstall Ø
   and press "RETURN"

   — For a 2 Meg **Alegra** type:
   execute alegra:singledriveinstall 1
   and press "RETURN"

   The system will prompt you to insert the proper disk. **CAUTION!!! DO NOT REMOVE A DISK UNTIL THE RED LIGHT IS OFF!!**

4) When you see the message "Installation Complete!", wait until the red light is off on the drive and reset your system. **Alegra** will now be automatically added to the system memory every time you boot from this disk.

II. DUAL DRIVE INSTALLATION PROCEDURE

1) Power up your system and load **KICKSTART 1.1**. When the system requests the **WORKBENCH** disk, insert the system disk onto which you will install the **Alegra** commands.

2) When the **AmigaDOS** screen first appears, immediately press both the "CTRL" and the "D" keys and hold them down until you see the following message:

   **BREAK - CLI
   1>

3) Insert the **Alegra** disk into your second disk drive.

4) At the **1>** prompt, type one of the following commands:

   — For a 512K **Alegra** type:
   execute alegra:dualdriveinstall Ø
   and press "RETURN"

   — For a 2 Meg **Alegra** type:
   execute alegra:dualdriveinstall 1
   and press "RETURN"

5) When you see the message "Installation Complete!", wait until the red light is off on the internal drive and reset your system. **Alegra** will now be automatically added to the system memory every time you boot from this disk.

III. COMMAND DESCRIPTIONS

The following is a list of the commands that are included on the **Alegra** disk.

ident – This command installs **Alegra** at address 200000(hex). This is the starting address of the expansion area in memory.

addmem – This command adds **Alegra** to the system memory pool. The proper syntax for a 512K **Alegra** is "addem 200000 27fffe"<cr>. To add a 2 Meg **Alegra** to the system, type "addem 200000 3ffffe"<cr>.

edstartup – This command is used to add the above commands to the "Startup-Sequence" file found in the "S" directory of your system disk. The following CLI command files, **singledriveinstall** and **dualdriveinstall**, use this command.

singledriveinstall – This CLI command file contains the sequence of commands to install the **Alegra** commands onto your system disk. It is for systems with only one disk drive and will require a number of disk swaps. To use it, simply type "execute alegra:singledriveinstall 0"<cr> for a 512K **Alegra** or "execute alegra:singledriveinstall 1"<cr> for a 2 Meg **Alegra**. NOTE: This command file requires that the following standard CLI commands be in your "C" directory on your system disk: **echo, execute, else, if, endif, stack, copy.**

dualdriveinstall – This CLI command file contains the sequence of commands to install the **Alegra** commands onto your system disk. It is for systems with two disk drives. The proper syntax is "execute alegra:dualdriveinstall 0"<cr> for a 512K **Alegra** or "execute alegra:dualdriveinstall 1"<cr> for a 2 Meg **Alegra**. NOTE: This command file requires that the following standard CLI commands be in your "C" directory on your system disk: **echo, execute, else, if, endif, stack, copy.**

Fixhunk – This is a Public Domain program written by D.J. James. It was downloaded from People-Link. Also included is a text file, **Fixhunk.doc**, that explains how to use it. Use this program to modify software that doesn't work properly with external memory. **PLEASE READ THE DOCUMENTATION PRIOR TO USE. AS WITH ALL PUBLIC DOMAIN SOFTWARE, USE AT YOUR OWN RISK.**

Memgrab – This is another Public Domain program written by Mitchell Jareo. It too comes with a text file, **Memgrab.doc**, that explains how to use it. **PLEASE READ THE DOCUMENTATION PRIOR TO USE. AS WITH ALL PUBLIC DOMAIN SOFTWARE, USE AT YOUR OWN RISK.**

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